Spring 2023 Syllabus

MGF1106—Liberal Arts Mathematics (3—credits)

Course Information:

- **Class Meets:** (Section—07) MW (11:00 – 12:15) in Building 7, Room 110

- **Instructor:** Kathryn Wagner

- **Office:** Building 2, Room 207
- **Office Hours:** **Monday and Wednesdays: 7:30-8:00 am, 9:30-10:45 am, and 12:30-1:15 pm pm, as well as virtually from 7:00-8:00 pm**
Tuesdays and Thursdays: 7:30-8:00 am, 9:00-9:30 am and 12-1:15 pm
- **E-mail:** wagnerk@cf.edu
- **Phone:** 352-854-2322 Ext. 1504
- If you have any questions or concerns, feel free to visit me during office hours or send me an e-mail. If you decide to contact me via e-mail, please include your name, course, and section number. This description will help me in assisting you. Note that if you email me from Canvas, this information is automatically included in your message. The best way to reach me is by email. Students may also use the "Ask My Instructor" function in MyMathLab homework assignments. This will send me a link directly the specific math problem that you requested help with. This will send me a link directly the specific math problem that you requested help with. When sending an "Ask My Instructor" link, please include a description of what you are having difficulty with. This will help me to better answer any question(s) you may have.If you leave a voicemail, please leave your name and an email address I can respond to. Please allow 24 hours for a response Monday morning through Thursday afternoon and up to 72 hours for a response Thursday evening through Monday morning. Scheduled holidays may extend the response time. It is important to make sure that your MyMathLab and Canvas accounts are linked to an e-mail address you use on a regular basis (such as Patriots Mail) as MyMathLab and Canvas will be the main ways I will contact the class with announcements and updates. It is strongly advised for students to check their e-mail and Canvas announcements often.
- **Online Tutoring Assistance**

  You can use the Smarthinking Online Tutoring tab on the left menu bar to access tutors. The College of Central Florida tutors are at the top and the subject will have a CF in front of it. Please make sure you utilize our CF tutors. The initial username for Smarthinking is your CF ID number followed by CF (e.g., 99999CF). The initial password is **lastname (lowercase).** Then you will create your own account. The limit for Smarthinking is 5 hours per student. If you desire more time contact Josh Strigle at x-1317 or dlhelp@cf.edu. Some external math websites that you could also use are: Khanacademy, Quickmath, and Purplemath.

- **Extended Emergency Closure:** "For emergency campus closings (natural disasters, etc.) call 352-291-4499 or 800-831-9244 or check our website (CF.edu)."
- **Attendance Verification:**
    - A student will be verified as "Attending" the course if two objectives are completed:
    - Successfully registering for MyMathLab
    - Completing at least one homework assignment or exam
- **Course Description:** This course is designed for students whose majors do not require courses in Statistics, College Algebra or Pre-Calculus. MGF 1106 is not designed as a prerequisite for other mathematics courses. This course covers many mathematical skills including systematic counting and probability, statistics, geometry, sets and logic. Some topics related to the history of mathematics are also included in the course. This course counts toward the Gordon Rule mathematics requirement for the A.A. degree. Gordon Rule applies**. I expect you to come to class having read the week's scheduled sections in the e-text, watched the corresponding lecture videos, and attempted the corresponding homework.** It is your responsibility to keep track of when assignments are due. It is your responsibility to do the work assigned. I do not give you a grade for this course, I only record the grade that represents the knowledge you have achieved in this course through the work you have done. There is no prerequisite for this course.

- **Required materials:**
    - MyMathLab/access code (register from within this Canvas course using the MyLab and Mastering tab.)
    - Calculator: Only a basic 4 function calculator is allowed. No cell phones!

- **Optional materials:** Textbook: THINKING MATHEMATICALLY (LL)-W/MYMATHLAB, BLITZER (ISBN- 978013903575). (An electronic copy of the textbook is available in MyMathLab, so it is not required to purchase the text.)
- **Student Learning Outcomes/Course Objectives**

  Quantitative and Analytical Reasoning-The student will understand and apply mathematical and scientific principles and methods.

    - Perform accurate computations using order of operations with and without technology.
    - Identify and organize relevant information and complete the solution of an applied problem.
    - Interpret and communicate understanding of visual representations of data.
    - Demonstrate mathematical number sense and unit sense.
- **Assessment:** Each student's grade in the course will be based upon correct and completed work in four separate categories: homework, quizzes, unit exams, and a comprehensive final exam. Each category will be explained below. Pay close attention to the due dates for all units. These dates are noted in the syllabus as well as in MyMathLab. It is the student's responsibility to make sure that all work is completed on time and to be prepared for all exams. It is imperative that students keep up with course material and not wait until the last moment to complete assignments/study for exams. Registering for MyMathLab is a requirement for completing homework, quizzes, and exams in the course, receiving important announcements

from the instructor, and monitoring grades. Instructions for signing up for MyMathLab will be provided. Using the Multimedia tab in MyMathLab, the student should view each power point, videos, interactive videos, the textbook, and other available materials under the course contents. These materials serve to enhance the primary teaching portion of the course, which is the lecture video for each section to be covered. After viewing the material, the student should do the homework for the chapter and then the quiz. The lecture videos count as homework. Each lecture must be viewed prior to doing the related problem assignment and in the order given. Students will not be allowed to "skip" sections. Students may complete homework, quizzes, and unit exams prior to the due date. The final exam must be completed within the specified window of time.

All MyMathLab assignments in this course will be divided into four units:

- Unit 1: Homework for sections 1.1 – 1.3, Homework for sections 2.1 – 2.5, the chapter 1 and 2 quizzes, and unit exam 1.
- Unit 2: Homework for sections 3.1 – 3.8, the chapter 3 quiz, and unit exam 2.
- Unit 3: Homework for sections 9.1 – 9.3, Homework for sections 10.1 – 10.5, the chapter 9 and 10 quizzes, and unit exam 3.
- Unit 4: Homework for sections 11.1 – 11.8, the chapter 11 quiz, and unit exam 4.

- **Homework:** Lectures are considered homework, and must be viewed prior to doing the related section problems. Students have unlimited attempts on the homework and practice problems. If a student fails to answer homework problem correctly three times in a row, a similar problem will be given in its place. They are found under the "Homework" tab in MyMathLab. Only the highest homework score counts toward the grade. Only homework problems completed prior to the due date will receive credit. All homework assignments are equally weighted for a combined total of 15% of the final grade. Each homework set will be due on the date and time of the corresponding unit exam. See MyMathLab for due dates.

- **Quizzes:** Students have three attempts on a quiz. Only the best attempt is counted. Once an answer has been submitted (whether correct or incorrect), the next question will begin. Quizzes are found under the "Quizzes and Tests" tab in MyMathLab. Only quizzes completed prior to the due date will receive credit. There is one quiz for each chapter covered. They will be due along with their corresponding unit exam. The quizzes will be opened along with the homework as outlined in the schedule. All quizzes will be equally weighted for a combined total of 15% of the final grade. See MyMathLab for due dates.

- **Exams:** There will be 5 exams altogether: the 4 unit exams, as well as a comprehensive final exam. Students have one attempt on a unit exam. The options for test-taking are given below. It is imperative that you pay close attention to instructions for taking your tests! A schedule of exam due dates is given in the syllabus schedule, as well as in MyMathLab. Any changes to that schedule will be announced several days in advance, in class! If a student fails to take the test by the

due date, the student will receive a zero for the exam. No makeup exams will be given! Eligible missed exams may be replaced by the score on the final exam. No score replacement will occur on a zero grade obtained via cheating/academic dishonesty or cellular phone usage. The four unit exams are each equally weighted for a combined total of 50% of the final grade (about 12.5% each). In addition to the unit exams, there will be one comprehensive final exam for this course, weighted at 20% of the final grade. No makeup final exams will be given! If the final exam is missed, it will count as a 0% and no score replacement will occur on a unit exam. While students may work ahead on unit exams, the final exam will only be available during the window of days posted in the syllabus.

- **Exam Proctoring Options:** Students have two options to proceed with taking exams:
    - Option 1: Honorlock
        - There are technology/hardware requirements when using the Honorlock online proctoring service. A valid webcam, microphone, and photo ID are necessary.
        - When you are ready to take an exam, select the “Honorlock” tab in Canvas, choose the exam you wish to take, then follow the directions to get your exam started.
        - A link to an Honorlock tutorial video is available on the Canvas “Home” page
        - Students must follow Honorlock policies and procedures to use this online proctoring service.
        - There may be a wait for password entry after the exam initialization procedures have been followed.
    - Option 2: Ocala Campus Testing Center
        - Appointments for exams in this course may be scheduled at the Ocala campus testing center by visiting https://onetesting.net/campus/ocala-testing
        - Days/times for scheduling are limited and it will be the student's responsibility to work with any current exam due dates. It is highly recommended that students schedule exams well in advance if they wish to take their exams at the testing center.
        - Students must follow the testing center’s policies and procedures, and abide by their business hours.
        - **Update:** The Citrus campus testing center may be allowing students to make appointments for testing. Please contact them for further details.
        - **Update:** Students may wish to contact the Ocala campus library (Learning Resource Center) if the Ocala testing center is fully booked.

- **The semester grade is weighted as follows**:Homework Exercises (online)--15%
  Quizzes (online)----------15%
  Four Unit Exams (online)-------50%
  Comprehensive Final (online)--20%

- **Letter grades are based on the following scale. All grades can be viewed in MyMathLab.**

A	Excellent 90% and above 4.0 quality points
B+	Very Good 87%-89% 3.75 quality points
B	Good 80%-86% 3.0 quality points
C+	High Average 77%-79% 2.75 quality points
C	Average 70%-76% 2.0 quality points
D	Poor 60%-69% 1.0 quality points
F	Failure 59% and below No quality points
FF	Failure Academic Integrity No quality points

- **Course Schedule/Outline:**

Week #	**Topics covered**	**Other Information**
1 (01/09-01/12)	Introduction, 1.1, 1.2	First Day of class, 1/9, All units open
2 (01/16-01/19)	1.3, 2.1, 2.2	No classes on Monday, 1/16, MLK Day.
3 (01/23-01/26)	2.3, 2.4, 2.5	
4 (01/30-02/02)	3.1, 3.2, Review for unit exam 1	**Unit 1 closes 2/5 at 11:59 pm**
5 (02/06-02/09)	3.3, 3.4, 3.5	
6 (02/13-02/16)	3.6, 3.7	No classes on Tuesday, 2/14-Prof. Dev. Day
7 (02/20-02/23)	3.8, 9.1, review for unit exam 2	**Unit 2 Closes 2/26 at 11:59 pm**
8 (02/27/-03/02)	9.2, 9.3	
9 (03/06-03/09)	10.1, 10.2, 10.3	
10 (03/13-03/16)	None	**Spring Break, no classes**

11 (03/20-03/23)	10.4, 10.5, review for unit exam 3	**Unit 3 Closes 3/26 at 11:59 pm**
12 (03/27-03/30)	11.1, 11.2, 11.3	
13 (04/03-04/06)	11.4, 11.5, 11.6	
14 (04/10-04/13)	11.7, 11.8	
15 (04/17-04/20)	Review for unit exam 4	**Unit 4 Closes 04/23 at 11:59 pm**
16 (04/24-04/27)	Review and catch-up!!	

*****Final Exam—see the schedule below for exact time! Please note the end times are NOT 11:59 pm!!!**

(Section—06) MW (11:00 – 12:15) **Your final exam is available on Friday, April 28, at 12:00 am, and closes at 2:00 pm on Monday, May 1.**

STATEMENT: Due to unforeseen happenings, it may be necessary for the course assignment schedule to be altered. The instructor will always strive to be fair about any changes.